

What is claimed is:

1. An image forming apparatus capable of dealing with a recording medium jamming a fixing device, said image forming apparatus comprising:

a body to which the fixing device is removably mounted, wherein said fixing device is pulled out of said body in the event of a jam occurred in said fixing device to thereby allow said jam to be removed;

fixing device sensing means for sensing the fixing device when said fixing device is mounted to said body; and

first medium sensing means disposed in the fixing device for sensing a recording medium;

wherein when a jam occurs in the fixing device without said first medium sensing means sensing a recording medium, said image forming apparatus is prevented from resuming an operation unless a set condition of said fixing device on said body being sensed by said fixing device sensing means is interrupted.

2. An apparatus as claimed in claim 1, wherein said apparatus is allowed to resume the operation when the set condition of said fixing device is continuously interrupted for more than a preselected period of time.

3. An apparatus as claimed in claim 1, further comprising display means for displaying, in the event of

the jam occurred without said first paper sensing means sensing a recording medium, a message informing an operator of said apparatus of the recording medium left in the fixing device.

4. An apparatus as claimed in claim 1, further comprising:

rotation sensing means responsive to a rotation of a drive motor that drives the fixing device; and

second medium sensing means and third medium sensing means respectively located upstream and downstream of the fixing device in a direction of paper conveyance for sensing a recording medium;

wherein when either one of said second and third medium sensing means senses a recording medium in the event of a jam occurred in the fixing device and if said rotation sensing means does not sense a rotation of the drive motor, a message for urging an operator of said apparatus to remove a recording medium from an upstream side or a downstream side of said fixing device.

5. An image forming apparatus capable of dealing with a recording medium jamming a fixing device, said image forming apparatus comprising:

a body to which the fixing device is removably mounted, wherein said fixing device is configured to be pulled out of said body in the event of a jam occurred in

said fixing device to thereby allow said jam to be removed;
a fixing device sensor configured to sense the fixing device when said fixing device is mounted to said body;
and

a first medium sensor disposed in the fixing device and configured to sense a recording medium;

wherein when a jam occurs in the fixing device without said first medium sensor sensing a recording medium, said image forming apparatus is prevented from resuming an operation unless a set condition of said fixing device on said body being sensed by said fixing device sensor is interrupted.

6. An apparatus as claimed in claim 5, wherein said apparatus is allowed to resume the operation when the set condition of said fixing device is continuously interrupted for more than a preselected period of time.

7. An apparatus as claimed in claim 5, further comprising a display configured to display, in the event of the jam occurred without said first paper sensor sensing a recording medium, a message informing an operator of said apparatus of the recording medium left in the fixing device.

8. An apparatus as claimed in claim 5, further comprising:

a rotation sensor configured to sense a rotation of

a drive motor that drives the fixing device; and

a second medium sensor and a third medium sensor respectively located upstream and downstream of the fixing device in a direction of paper conveyance and configured to sense a recording medium;

wherein when either one of said second and third medium sensors senses a recording medium in the event of a jam occurred in the fixing device and if said rotation sensor does not sense a rotation of the drive motor, a message for urging an operator of said apparatus to remove a recording medium from an upstream side or a downstream side of said fixing device.